Case No.	GCSD-1510 (51392)
	P PATENT APPLICA SIONER FOR PATENT

APPLICATION R PATENTS **ALEXANDRIA, VA 22313-1450**

Transmitted herewith for filing is the patent application of:

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED BELOW AND IS ADDRESSED TO: MAIL STOP PATENT APPLICATION, COMMISSIONER FOR PATENTS, ALEXANDRIA, VA 22313-1450.

EXPRESS MAIL NO: EV 322684203 US DATE OF DEPOSIT: APRIL 21, 2004 NAME: **Justin Goree**

SIGNATURE

Inventors:

Byron F. KNIGHT and Mark K. HAMILTON

For:

. S

SYSTEM AND METHOD FOR DETERMINING OIL OR MINERAL DEPOSITS

Enclosed are:

Patent Application: 33 pages, 54 claims. [X]

[X] _6_ sheets of drawings.

[X] The suggested drawing figure to be published is FIG. 12.

[X] Citation Under 37 CFR 1.97 and PTO-1449.

[X] Assignee info:

Name:

Harris Corporation

Address:

1025 West NASA Blvd. Melbourne, Florida 32919

Corporation of the State of Delaware

The Declaration and Filing Fee are NOT ENCLOSED.

[X] Name, Address and Citizenship of Inventor(s) is as follows:

Byron F. KNIGHT, 2918 Rensselaer Court, Vienna, Virginia 22181 Citizen of United States

Mark K. HAMILTON, 6200 Sandstone Way, Clifton, Virginia 20124 Citizen of United States

- [X] PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: **CHRISTOPHER F. REGAN**
- [X] Please associate this application with Customer No. 27975.

APRIL 21, 2004

Date

RICHARD K. WARTHER

Reg. No. 32,180